



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Sprint Docket No. 2428)

In re Application of: )  
)  
Oh et al. ) Examiner: Not Yet Assigned  
)  
Serial No.: 10/753,941 ) Group Art Unit No.: TBD  
)  
Filed: January 7, 2004 )  
)  
For: Radio Frequency Repeater with )  
Automated Block/Channel Selection )

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In regard to the above-identified patent application:

1. We are transmitting herewith the attached:
  1. Information Disclosure Statement
  2. Form PTO-1449
  3. Cited References
  3. Return Postcard
2. With respect to additional fees:
  - A. ☒ No additional fee is required.
  - B. ☐ Attached is a check in the amount of \$ \_\_\_\_\_
  - C. ☐ Charge the total additional fee to Deposit Account No. \_\_\_\_\_
3. Please charge any additional fees or credit overpayments to the Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR 1.8 (FIRST CLASS MAIL): The undersigned hereby certifies that this Transmittal Letter and the document(s) as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 8 day of April, 2004.

By: \_\_\_\_\_

Paul W. Churilla  
Reg. No. 47,495



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INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.97-1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and 1.97-98, the applicants wish to bring to make the following references of record in the above-identified application. The references are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that it be cited of record in the prosecution history of the present application so that it will appear on the face of the patent issuing from the present application. Pursuant to the office's waiver of the requirements under 37 C.F.R. § 1.98(a)(2)(i), copies of the U.S. Patents and U.S. Patent Application Publications are not being submitted.

In the judgment of the undersigned, portions of the reference may be material to the examination of the pending claims. No representation is indented as to the relative importance of

any portion of the reference. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 USC sections 102 or 103.

## CITED REFERENCES

### U. S. Patents and Patent Application Publications:

1. U.S. Patent No. 5,809,398, Moberg et al., issued September 15, 1998.
2. U.S. Patent No. 5,987,304, Latt, issued November 16, 1999.
3. U.S. Patent No. 6,132,306, Trompower, issued October 17, 2000.
4. U.S. Patent Application Publication 2002/0044594 to Bongfeldt, dated April 18, 2002.
5. U.S. Patent Application Publication 2002/0045431 to Bongfeldt, dated April 18, 2002.
6. U.S. Patent No. 6,404,775, Leslie et al., issued June 11, 2002.
7. U.S. Patent No. 6,571,284, Suonvieri, issued May 27, 2003.

### Other Documents:

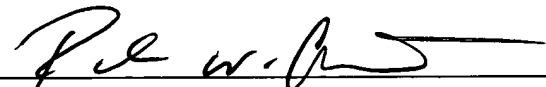
1. Spotwave Wireless, Inc., SpotCell™ 112 (PCS-CDMA), "*Product Overview*", [www.spotwave.com](http://www.spotwave.com), 2003.
2. Steve Adams, "*The Demands on In-Building Solutions—Using smart antennas and adaptive techniques to improve in-building technique*", Wireless Business & Technology Magazine, May 20, 2003.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: Apr. 8, 2004

By:

  
Paul W. Churilla  
Reg. No. 47,495



### CERTIFICATE OF MAILING

The undersigned hereby certifies that the foregoing INFORMATION DISCLOSURE STATEMENT is being deposited as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 8 day of April, 2004.

  
Paul W. Churilla

FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.

Sprint Docket No. 2428

Serial No.

10/753,941

Applicant: Oh et al.

Filing Date:

01/07/04

Group:

TBD

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5,809,398	09/15/98	Moberg et al	455	17	
	5,987,304	11/16/99	Latt	455	17	
	6,132,306	10/17/00	Trompower	455	11.1	
	2002/0044594	04/18/02	Bongfeldt	375	213	
	2002/0045431	04/18/02	Bongfeldt	455	234.1	
	6,404,775	06/11/02	Leslie et al.	370	466	
	6,571,284	05/27/03	Suonvieri	709	221	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

			Spotwave Wireless, Inc., SpotCell™ 112 (PCS-CDMA), "Product Overview", <a href="http://www.spotwave.com">www.spotwave.com</a> , 2003.
			Steve Adams, "The Demands on In-Building Solutions—Using smart antennas and adaptive techniques to improve in-building technique", Wireless Business & Technology Magazine, May 20, 2003.
EXAMINER			DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.